

WHAT IS CLAIMED:

1. A document management method comprising:

a process of generating a task information package datum
5 as a set of data in order to manage information of referred documents and created documents in compiling a new document necessary for carrying out a task,

a process of storing said task information package datum in one or more data bases, and

10 a process of presenting relevant information as a graphical chart that shows relational linkage among plural documents in a manner of reference to other documents wherein said reference is recorded in said task information package datum.

15 2. A document management method defined in Claim 1, wherein;

information of referred documents, compiled documents and comment information such as knowledge and finding obtained
20 in carrying out said task are recorded in said process of generating a task information package datum.

3. A document management method defined in Claim 1 or Claim 2, wherein;

25 icons to present documents and arrows to present referenced documents and compiled documents are used in said process of presenting relevant information as a graphical chart.

30 4. A document management method defined in Claim 2, wherein;

icons to present documents and arrows to present referenced documents and compiled documents are used in said

process of presenting relevant information as a graphical chart, and

a process to present a pop up window to present said comment information is included in said process of presenting
5 relevant information as a graphical chart.

5. A document management method defined in Claim 2, wherein;

said process of generating a task information package
10 datum includes a process to record at least one of information among a name of a writer, date of compilation, a subject of a task and a process name of said task as index information therein.

15 6. A document management method defined in Claim 5, wherein;

said index information is obtained by morphological analysis which is applied to sentences described in said referred documents, said created documents and said comment
20 information with a profession word dictionary which manages technical terms.

7. A document management method defined in Claim 5, wherein;

25 said index information is set by using information of a system which manages processes of said task.

8. A document management method defined in Claim 5, wherein;

30 said process of presenting relevant information as a graphical chart works for processing to present only relevant information given in said index information.

9. A document management apparatus comprising:

a task information package generator to generate a task information package datum as a set of data in order to manage information of referred documents and created documents in compiling a new document necessary for carrying out a task,
one or more data bases to store said task information package datum, and

a relevant information presentation processor to present relevant information as a graphical chart that shows relational linkage among plural documents in a manner of reference to other documents wherein said reference is recorded in said task information package datum.

10. A document management apparatus defined in Claim 9, wherein;

said task information package datum to record information of referred documents and compiled documents has a record of comment information such as knowledge and finding obtained in carrying out said task.

11. A document management apparatus defined in Claim 9, wherein;

icons to present documents and arrows to present referenced documents and compiled documents are used in said relevant information presentation processor that presents said relevant information as a graphical chart.

12. A document management apparatus defined in Claim 10, wherein;

icons to present documents and arrows to present referenced documents and compiled documents are implemented by said relevant information presentation processor that presents relevant information in a graphical chart, and

a process to present a pop up window to present said comment information is done by said relevant information presentation processor.

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13. A document management apparatus defined in Claim 9, wherein;

said task information package generator additionally records at least one of information among a name of a writer, date of compilation, a subject of task and a process name of said task as index information therein.

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14. A document management apparatus defined in Claim 13, wherein;

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said index information is generated by morphological analysis which is applied to sentences described in said referred documents, said created documents and said comment information with a profession word dictionary which manages technical terms.

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15. A document management apparatus defined in Claim 13, wherein;

said index information is generated by using information of a system which manages processes of said task.

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16. A document management apparatus defined in Claim 13, wherein;

said relevant information presentation processor that presents relevant information in a graphical chart works to present only relevant information given in said index information.

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17. A computer software program that allows a computer

to execute said document management method defined in Claim 1.

18. A computer readable recording medium that records
5 said computer software program which allows a computer to execute said document management method defined in Claim 1.

19. Information management method comprising:
a process to manage a package information that
10 consolidates text information and linkage information showing a relational linkage thereof to external files, and
a process to obtain a candidate information to be recorded in said package information from progress of task, comment information and said external files.

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20. Information management method defined in Claim 19 including:

a process to manage updated information as historical data in a manner of said package information, and

20 a process to present at least one of tasks, names of writers, indices and versions after obtaining relational linkages of documents over a group of said package information.

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